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POSTGRADUATE INSTITUTE OF MEDICINE
UNIVERSITY OF COLOMBO

MD (OTORHINOLARYNGOLOGY) EXAMINATION – NOVEMBER 2021

Date:- 15th November 2021

Time:- 9.00 a.m. – 12.00 noon

PAPER I
(Otology, Audiology & Rhinology)

All four (04) questions to be answered.

1.
 - 1.1. Describe the patho-physiology of Allergic rhinitis.
 - 1.2. Discuss the management of allergic rhinitis considering this knowledge.

2. A 52-year-old woman is presented with left ear pulsatile tinnitus, ear fullness over the last 18 months with recent onset hoarseness and dysphagia. Otoscopic examination shows a reddish-blue mass behind the posterior inferior quadrant of tympanic membrane. She has a moderate conductive deafness on the same side. She has left palatal and vocal cord palsy.
 - 2.1. How would you further evaluate this patient?
 - 2.2. Discuss the management options of this patient.
 - 2.3. Discuss obtaining consent should she need a surgical intervention.

3. A 32-year-old woman with unilateral hearing loss is referred to you by her General Practitioner. She has been aware of a left sided slowly progressive hearing loss for the last 4 years. Otoscopy is normal. Rinne's test is negative for the left and positive for the right ear respectively. Weber's test lateralized to the left.
 - 3.1. What are your differential diagnoses?
 - 3.2. How would you evaluate this patient?
 - 3.3. What are the options of management?
 - 3.4. What are the salient points in consenting this patient for surgery?

4. Write notes on:
 - 4.1. Benign paroxysmal positional vertigo (BPPV).
 - 4.2. Non organic hearing loss.
 - 4.3. Management of tinnitus.

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Date:- 15th November 2021

Time:- 1.00 p.m. – 4.00 p.m.

PAPER II
(Laryngology and Head & Neck Surgery)

All four (04) questions to be answered.
Illustrations must be labelled.

1.
 - 1.1. Classify and outline the management of neck space infections.
 - 1.2. A 62-year-old woman with uncontrolled Diabetes Mellitus admitted with left submandibular region swelling and fever, found to have fluctuant area over left submandibular region with reddish and blackish skin from mandible to clavicle on the same side.

Outline the clinical assessment and management of this woman.
2. How would you evaluate neck masses with approach to differential diagnosis and treatment planning?
3. A 7-month-old baby who is on follow up for suspected haemangioma of right palate and parapharyngeal area. Patient has been on oral propranolol over five months and mother complains of progressive difficulty in breathing and feeding. There has been intermittent bleeding and examination shows a blueish lesion on the right soft palate, extending to lateral pharyngeal wall with nasopharyngeal obstruction.
 - 3.1. List the other possible differential diagnoses of baby's lesion.
 - 3.2. Discuss the further investigations and management of this baby.
4. Write notes on:
 - 4.1. Glandular fever (IMN).
 - 4.2. Vocal cord nodules.
 - 4.3. Sialolithiasis.

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Date:- 16th November 2021

Time:- 9.00 a.m. – 12.00 noon

PAPER III
(General Surgery)

All six (06) questions to be answered.

1. Discuss advantages and disadvantages of neoadjuvant therapy in head and neck cancer.
2. Discuss tuberculous infections in the head and neck region.
3. A 50-year-old patient presents with a palpable nodule in the neck, 10 years after thyroidectomy. Her diagnosis card is not available.
 - 3.1. List possible causes.
 - 3.2. How would you investigate her?
 - 3.3. How would you manage if it is proven to be papillary carcinoma?
4. A 30-year-old woman who underwent total thyroidectomy for Graves disease presents 3 days later with carpo-pedal spasms.
Discuss the pathophysiology of this manifestation and management of this patient.
5. A 65-year-old previously healthy man who presents with progressive dysphagia of 4 months duration is found to have a mid-esophageal carcinoma. He is awaiting open esophagectomy.
Discuss the preoperative management of this patient.
6. A 40-year-old man who underwent a major head and neck reconstructive surgery a week ago presents with acute shortness of breath. He is suspected to have pulmonary embolism.
Discuss the management of this patient.